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March 13, 2023

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8241317
Your Reference No.: R-1782B
Registered to: CORROSION RESISTANT PRODUCTS LIMITED

Dear SCOTT ISLIP,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0H21019.5ADD1
Main Design No.: Scope of Registration, Design Report R-1782B
Expiry Date: Jan 22, 2029

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Ruiming You P,ENG
Engineer, BPV
Tel. : +1 416-734-3428
Email : ryou@tssa.org



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, David MacGregor, Engineering Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Corrosion Resistant Products Limited
(Name of Manufacturer)

Located at Todmorden Road, Littleborough, OL15 9EG, United Kingdom +44(0)1706 756400 +44(0)1706379567
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, ALCUMUS ISOQAR.

The items covered by this declaration, for which I seek registration, are category H - Heat Exchanger type fittings. In support of this application, the following information and/or test data are attached as follows:
SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at Todmorden in the County of Lancashire
the 20th day of January AD 2023.

Commissioner for Oaths:

EMMA PISZKALO (SOLICITOR)

(Printed name)

Emma Piskalo
(Signature)

WIRLEY CLAYDON
201 WATER STREET
TODMORDEN
OL15 5AB

David MacGregor
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on 2029-01-22

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0H21019.5ADD1

Signed: *Ruey*

Date: March 13, 2023.



CORROSION RESISTANT PRODUCTS LIMITED
 TODMORDEN ROAD
 LITTLEBOROUGH
 OL15 9EG, UNITED KINGDOM

06-Jan-23

THIS IS PART OF CRN
 OH21019.5ADD1
 Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety
 Program

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SCOPE OF CRN REGISTRATION

Product Description	Model	Process Connections	Main Drawing	Design Code	Material Specifications	Shell Housing Design Conditions		Report Number
						Internal	External	
Heat Exchanger	200 ml	1/4" NPT, 3/8" Tube OD, 1/2" Tube OD	SAB00017-28 Rev. 01	ASME B31.3	ASTM B574 UNS N10276 ASTM B575 UNS N10276 ASTM B622 UNS N10276 ASTM A479-316L	10 barg at 180°C / 145 psig at 356°F (Note 1)	3.44 barg at 180°C / 50 psig at 356°F (Note 1)	R-1728B Rev. 0

Note 1) The Jacket design conditions are 3.44 barg at 65.6°C / 50 psig at 150°F. The Jacket is to contain only liquids not more hazardous than water therefore per CSA B51 Figure 1(a) the jacket is exempt from CRN registration and is not part of this CRN.

HEAD OFFICE

Todmorden Road, Littleborough, OL15 9EG

OTHER LOCATIONS

Unit 13, Scotts Industrial Estate, Fishwick Street, Rochdale, OL16 5NA